

STATION CONTOURS

MEDIAFLO™

OKLAHOMA CITY, OK

Professional Communications Consultants, Inc., Sarasota, Florida

Modified OET-69
Service and Interference Analysis
MediaFlo™ Oklahoma City, OK

Service and Interference Results:

Desired Station:

KOTV 36-01-15 095-40-32 55(N) 970.000 kW-DA 684.8 m AMSL 90.0 %
TULSA OK
CP BPCDT-19991012AAQ
Using DEFAULT vertical antenna pattern

	Area (sq km)	Pop
within Noise Limited Contour	36996.9	1253318
not affected by terrain losses	36131.2	1240879

P27 Undesired Stations Considered:

OK-ATC 35-35-52 97-29-23 55(N) 25.000 kW-ND 676 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

OK-Max2 35-16-58 97-20-18 55(N) 25.000 kW-ND 523 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

D/U IX Ratio: 23.00 dB

Summary of Interference to BPCDT-19991012AAQ

	Area (sq km)	Pop
lost to NTSC IX	35.5	189
lost to additional IX by DTV	26.7	520
total lost to broadcast IX	62.2	709
lost to additional IX by P27	2277.3	23031
lost to all IX	2339.5	23740
Total SERVICE	33791.7	1217139

New P27 IX as percent of
desired station population
not affected by terrain losses 1.86%

Total IX as percent of
desired station population
not affected by terrain losses 1.91%

Used 2000 Census data

Service and Interference Results (con't):

Desired Station:

KLDT 33-00-19 096-58-59 55(Z) 3240.000 kW-DA 303 m AMSL 50.0%
LAKE DALLAS TX
LIC BLCT-19990611KF
Using DEFAULT vertical antenna pattern

	Area (sq km)	Pop
within Noise Limited Contour	11079.9	4724557
not affected by terrain losses	10979.1	4721607

P27 Undesired Stations Considered:

OK-ATC 35-35-52 97-29-23 55(N) 25.000 kW-ND 676 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

OK-Max2 35-16-58 97-20-18 55(N) 25.000 kW-ND 523 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

D/U IX Ratio: 40.00 dB

Summary of Interference to BLCT-19990611KF

	Area (sq km)	Pop
lost to NTSC IX	10.0	308
lost to additional IX by DTV	321.3	49653
total lost to broadcast IX	331.3	49961
lost to additional IX by P27	0.0	0
lost to all IX	331.3	49961
Total SERVICE	10647.8	4671646

New P27 IX as percent of
desired station population
not affected by terrain losses 0.00%

Total IX as percent of
desired station population
not affected by terrain losses 1.07%

Used 2000 Census data

Service and Interference Results (con't):

Desired Station:

KLDT 32-32-36 096-57-32 55(Z) 5000.000 kW-DA 698 m AMSL 50.0%
LAKE DALLAS TX
LIC BPCT-20020307ABK
Using DEFAULT vertical antenna pattern

	Area (sq km)	Pop
within Noise Limited Contour	24313.5	5197436
not affected by terrain losses	24063.7	5194129

P27 Undesired Stations Considered:

OK-ATC 35-35-52 97-29-23 55(N) 25.000 kW-ND 676 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

OK-Max2 35-16-58 97-20-18 55(N) 25.000 kW-ND 523 m AMSL 10.0%
OKLAHOMA CITY OK
APP
Using DEFAULT vertical antenna pattern

D/U IX Ratio: 40.00 dB

Summary of Interference to BPCT-20020307ABK

	Area (sq km)	Pop
lost to NTSC IX	21.5	281
lost to additional IX by DTV	0.0	0
total lost to broadcast IX	21.5	281
lost to additional IX by P27	0.0	0
lost to all IX	21.5	281
Total SERVICE	24042.3	5193848

New P27 IX as percent of
desired station population
not affected by terrain losses 0.00%

Total IX as percent of
desired station population
not affected by terrain losses 0.01%

Used 2000 Census data

CERTIFICATE OF SERVICE

I, Cheryl Sinsabaugh, do hereby certify that on the 10th day of January 2005, I forwarded via e-mail to the parties listed below a copy of the foregoing Petition for Declaratory Ruling:

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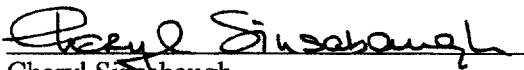
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